

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-33 (Canceled)

34. (Previously Presented) A method of making a substrate having an admicellar hydrophobic polymer coating thereon, comprising:

providing a substrate comprised of a plurality of individual fibers, each of the individual fibers having at least one surface, wherein the substrate is selected from the group consisting of cloth, burlap, polyesters, paper, cardboard and combinations thereof;

applying an admicellar hydrophobic polymer coating on the at least one surface of the plurality of individual fibers wherein voids are disposed between the plurality of individual fibers having the admicellar hydrophobic polymer coating on the at least one surface,

introducing an aqueous hydrophobic coating composition containing a surfactant and a monomer of a hydrophobic polymer on the at least one surface of the plurality of individual fibers to form the admicellar hydrophobic polymer coating, wherein the surfactant is selected from the group consisting of sodium dodecyl sulfate,

linear alkyl benzene sulfonate and combinations thereof and the monomer of a hydrophobic polymer is styrene;

introducing an initiator to the aqueous hydrophobic coating composition disposed on the at least one surface of the plurality of individual fibers to initiate an admicellar polymerization reaction on the at least one surface of the plurality of individual fibers coated with the aqueous hydrophobic coating composition for a predetermined period of time, wherein the initiator is AIBN; and

heating the substrate having the hydrophobic coating composition disposed on the at least one surface of the plurality of individual fibers and the initiator introduced thereon to a temperature in a range of from about 40 °C to about 100 °C for a predetermined time in a range of from about 30 minutes to about 180 minutes.